



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH2306094

A. GENERAL INFORMATION
GENERATOR EPA ID #/REGISTRATION #
GENERATOR CODE (Assigned by Clean Harbors)
ADDRESS
CUSTOMER CODE (Assigned by Clean Harbors)
ADDRESS

GACESQG
US33373

EN1751
6940 Commercial Drive

GENERATOR NAME:
CITY
STATE/PROVINCE
ZIP/POSTAL CODE

US EPA Region 4 Lakes Pkwy Lithium Battery Fire
Lawrenceville
GA
30043

PHONE: (770) 301-0084
CUSTOMER NAME:
CITY
STATE/PROVINCE
ZIP/POSTAL CODE

Environmental Restoration LLC
Morrow
GA
30260

B. WASTE DESCRIPTION
WASTE DESCRIPTION:
PROCESS GENERATING WASTE:
IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER ?

Brine water
soaking of damaged Lithium-Ion batteries to de energize from a fire
No

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE
SOLID WITHOUT FREE LIQUID
POWDER
MONOLITHIC SOLID
☒ LIQUID WITH NO SOLIDS
LIQUID/SOLID MIXTURE
% FREE LIQUID
% SETTLED SOLID
% TOTAL SUSPENDED SOLID
SLUDGE
GAS/AEROSOL

NUMBER OF PHASES/LAYERS
☒ 1 2 3 TOP 0.00
% BY VOLUME (Approx.) MIDDLE 0.00
BOTTOM 0.00

ODOR
☒ NONE
MILD
STRONG
Describe:

BOILING POINT °F (°C)
≤ 95 (≤35)
95 - 100 (35-38)
101 - 129 (38-54)
☒ ≥ 130 (>54)

VISCOSITY (If liquid present)
☒ 1 - 100 (e.g. Water)
101 - 500 (e.g. Motor Oil)
501 - 10,000 (e.g. Molasses)
> 10,000

COLOR
Clear

MELTING POINT °F (°C)
< 140 (<60)
140-200 (60-93)
> 200 (>93)

TOTAL ORGANIC CARBON
☒ ≤ 1%
1-9%
≥ 10%

FLASH POINT °F (°C)
< 73 (<23)
73 - 100 (23-38)
101 -140 (38-60)
141 -200 (60-93)
☒ > 200 (>93)

pH
≤ 2
2.1 - 6.9
☒ 7 (Neutral)
7.1 - 12.4
≥ 12.5

SPECIFIC GRAVITY
< 0.8 (e.g. Gasoline)
0.8-1.0 (e.g. Ethanol)
☒ 1.0 (e.g. Water)
1.0-1.2 (e.g. Antifreeze)
> 1.2 (e.g. Methylene Chloride)

ASH
< 0.1
0.1 - 1.0
1.1 - 5.0
5.1 - 20.0
☒ > 20
Unknown

BTU/LB (MJ/kg)
☒ < 2,000 (<4.6)
2,000-5,000 (4.6-11.6)
5,000-10,000 (11.6-23.2)
> 10,000 (>23.2)
Actual:

D. COMPOSITION (List the complete composition of the waste, include any inert components and/or debris. Ranges for individual components are acceptable. If a trade name is used, please supply an MSDS. Please do not use abbreviations.)

CHEMICAL	MIN	MAX	UOM
SEDIMENT	0.0000000	1.0000000	%
WATER	99.0000000	100.0000000	%

DOES THIS WASTE CONTAIN ANY HEAVY GAUGE METAL DEBRIS OR OTHER LARGE OBJECTS (EX., METAL PLATE OR PIPING >1/4" THICK OR >12" LONG, METAL REINFORCED HOSE >12" LONG, METAL WIRE >12" LONG, METAL VALVES, PIPE FITTINGS, CONCRETE REINFORCING BAR OR PIECES OF CONCRETE >3")?

YES

NO

If yes, describe, including dimensions:

DOES THIS WASTE CONTAIN ANY METALS IN POWDERED OR OTHER FINELY DIVIDED FORM?

YES

☒ NO

DOES THIS WASTE CONTAIN OR HAS IT CONTACTED ANY OF THE FOLLOWING; ANIMAL WASTES, HUMAN BLOOD, BLOOD PRODUCTS, BODY FLUIDS, MICROBIOLOGICAL WASTE, PATHOLOGICAL WASTE, HUMAN OR ANIMAL DERIVED SERUMS OR PROTEINS OR ANY OTHER POTENTIALLY INFECTIOUS MATERIAL?

YES

☒ NO

I acknowledge that this waste material is neither infectious nor does it contain any organism known to be a threat to human health. This certification is based on my knowledge of the material. Select the answer below that applies:

The waste was never exposed to potentially infectious material.

YES

NO

Chemical disinfection or some other form of sterilization has been applied to the waste.

YES

NO

I ACKNOWLEDGE THAT THIS PROFILE MEETS THE CLEAN HARBORS BATTERY PACKAGING REQUIREMENTS.

YES

NO

I ACKNOWLEDGE THAT MY FRIABLE ASBESTOS WASTE IS DOUBLE BAGGED AND WETTED.

YES

NO

SPECIFY THE SOURCE CODE ASSOCIATED WITH THE WASTE.

G19

SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE.

W113

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/WINWEB/Profile/Waste Profile.rdl

Page 1 of 4



E. CONSTITUENTS

Are these values based on testing or knowledge? Knowledge ☒ Testing

If constituent concentrations are based on analytical testing, analysis must be provided. Please attach document(s) using the link on the Submit tab.

Please indicate which constituents below apply. Concentrations must be entered when applicable to assist in accurate review and expedited approval of your waste profile. Please note that the total regulated metals and other constituents sections require answers.

RCRA	REGULATED METALS	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL	UOM	NOT APPLICABLE	
D004	ARSENIC	5.0				<input checked="" type="checkbox"/>	
D005	BARIUM	100.0				<input checked="" type="checkbox"/>	
D006	CADMIUM	1.0				<input checked="" type="checkbox"/>	
D007	CHROMIUM	5.0				<input checked="" type="checkbox"/>	
D008	LEAD	5.0				<input checked="" type="checkbox"/>	
D009	MERCURY	0.2				<input checked="" type="checkbox"/>	
D010	SELENIUM	1.0				<input checked="" type="checkbox"/>	
D011	SILVER	5.0				<input checked="" type="checkbox"/>	
VOLATILE COMPOUNDS			OTHER CONSTITUENTS		MAX	UOM	NOT APPLICABLE
D018	BENZENE	0.5		BROMINE			<input checked="" type="checkbox"/>
D019	CARBON TETRACHLORIDE	0.5		CHLORINE			<input checked="" type="checkbox"/>
D021	CHLOROBENZENE	100.0		FLUORINE			<input checked="" type="checkbox"/>
D022	CHLOROFORM	6.0		IODINE			<input checked="" type="checkbox"/>
D028	1,2-DICHLOROETHANE	0.5		SULFUR			<input checked="" type="checkbox"/>
D029	1,1-DICHLOROETHYLENE	0.7		POTASSIUM			<input checked="" type="checkbox"/>
D035	METHYL ETHYL KETONE	200.0		SODIUM			<input checked="" type="checkbox"/>
D039	TETRACHLOROETHYLENE	0.7		AMMONIA			<input checked="" type="checkbox"/>
D040	TRICHLOROETHYLENE	0.5		CYANIDE AMENABLE			<input checked="" type="checkbox"/>
D043	VINYL CHLORIDE	0.2		CYANIDE REACTIVE			<input checked="" type="checkbox"/>
SEMI-VOLATILE COMPOUNDS			CYANIDE TOTAL				<input checked="" type="checkbox"/>
D023	o-CRESOL	200.0		SULFIDE REACTIVE	1.8000	PPM	
D024	m-CRESOL	200.0					
D025	p-CRESOL	200.0					
D026	CRESOL (TOTAL)	200.0					
D027	1,4-DICHLOROBENZENE	7.5					
D030	2,4-DINITROTOLUENE	0.13					
D032	HEXACHLOROBENZENE	0.13					
D033	HEXACHLOROBUTADIENE	0.5					
D034	HEXACHLOROETHANE	3.0					
D036	NITROBENZENE	2.0					
D037	PENTACHLOROPHENOL	100.0					
D038	PYRIDINE	5.0					
D041	2,4,5-TRICHLOROPHENOL	400.0					
D042	2,4,6-TRICHLOROPHENOL	2.0					
PESTICIDES AND HERBICIDES							
D012	ENDRIN	0.02					
D013	LINDANE	0.4					
D014	METHOXYCHLOR	10.0					
D015	TOXAPHENE	0.5					
D016	2,4-D	10.0					
D017	2,4,5-TP (SILVEX)	1.0					
D020	CHLORDANE	0.03					
D031	HEPTACHLOR (AND ITS EPOXIDE)	0.008					

ADDITIONAL HAZARDS

DOES THIS WASTE HAVE ANY UNDISCLOSED HAZARDS OR PRIOR INCIDENTS ASSOCIATED WITH IT, WHICH COULD AFFECT THE WAY IT SHOULD BE HANDLED?

YES ☒ NO (If yes, explain)

CHOOSE ALL THAT APPLY

- DEA REGULATED SUBSTANCES
- EXPLOSIVE
- FUMING
- OSHA REGULATED CARCINOGENS
- POLYMERIZABLE
- RADIOACTIVE
- REACTIVE MATERIAL
- ☒ NONE OF THE ABOVE



F. REGULATORY STATUS

YES

☒

NO

USEPA HAZARDOUS WASTE?

YES

☒

NO

DO ANY STATE WASTE CODES APPLY?

Texas Waste Code

YES

☒

NO

DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY?

YES

☒

NO

IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?

LDR CATEGORY: **Not subject to LDR**

VARIANCE INFO:

YES

☒

NO

IS THIS A UNIVERSAL WASTE?

YES

☒

NO

IS THE GENERATOR OF THE WASTE CLASSIFIED AS A VERY SMALL QUANTITY GENERATOR (VSQG) OR A STATE EQUIVALENT DESIGNATION?

YES

NO

IS THIS MATERIAL GOING TO BE MANAGED AS A RCRA EXEMPT COMMERCIAL PRODUCT, WHICH IS FUEL (40 CFR 261.2 (C)(2)(II))?

YES

☒

NO

DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE?

YES

NO

IS THIS WASTE STREAM SUBJECT TO THE INORGANIC METAL BEARING WASTE PROHIBITION FOUND AT 40 CFR 268.3(C)?

YES

☒

NO

IS THIS WASTE STREAM "USED OIL" WHICH IS TO BE MANAGED UNDER 40 CFR PART 279 - STANDARDS FOR THE MANAGEMENT OF USED OIL?

YES

☒

NO

DOES THIS WASTE CONTAIN VOC'S IN CONCENTRATIONS >=500 PPM?

YES

NO

DOES THE WASTE CONTAIN GREATER THAN 20% OF ORGANIC CONSTITUENTS WITH A VAPOR PRESSURE >= .3KPA (.044 PSIA)?

YES

☒

NO

DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE > 76.6 KPA (11.1 PSIA)?

YES

☒

NO

IS THIS CERCLA REGULATED (SUPERFUND) WASTE ?

YES

☒

NO

IS THE WASTE SUBJECT TO ONE OF THE FOLLOWING NESHAP RULES?

Hazardous Organic NESHAP (HON) rule (subpart G)

Pharmaceuticals production (subpart GGG)

YES

NO

IF THIS IS A US EPA HAZARDOUS WASTE, DOES THIS WASTE STREAM CONTAIN BENZENE?

YES

NO

Does the waste stream come from a facility with one of the SIC codes listed under benzene NESHAP or is this waste regulated under the benzene NESHAP rules because the original source of the waste is from a chemical manufacturing, coke by-product recovery, or petroleum refinery process?

YES

NO

Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) >10 Mg/year?

What is the TAB quantity for your facility?

Megagram/year (1 Mg = 2,200 lbs)

The basis for this determination is: Knowledge of the Waste Or Test Data

Knowledge

Testing

Describe the knowledge :

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

WATER NON-DOT, NON-RCRA REGULATED, WATER

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ☒ ONE TIME WEEKLY MONTHLY QUARTERLY YEARLY OTHER

☒ CONTAINERIZED

1-1 CONTAINERS/SHIPMENT

STORAGE CAPACITY:

CONTAINER TYPE:

PORTABLE TOTE TANK

BOX|CARTON|CASE

CUBIC YARD BOX

☒ DRUM

OTHER:

DRUM SIZE: 55

BULK LIQUID

GALLONS/SHIPMENT: 0 Min -0 Max

GAL.

BULK SOLID

SHIPMENT UOM:

TON

YARD

TONS/YARDS/SHIPMENT: 0 Min - 0 Max

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:

CNOS to CG

GENERATOR'S CERTIFICATION

I certify that I am authorized to execute this document as an authorized agent. I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge.I also certify that any samples submitted are representative of the actual waste.If Clean Harbors discovers a discrepancy during the approval process, Generator grants Clean Harbors the authority to amend the profile, as Clean Harbors deems necessary, to reflect the discrepancy.

AUTHORIZED SIGNATURE

NAME (PRINT)

TITLE

DATE



Addendum

D. COMPOSITION

F. REGULATORY STATUS